

POLAND/Cosmochemistry - Geochemistry. Hydrochemistry
Abs Jour : Referat Zhur - Khimiya, No 2, 1957, 4146 D.
Author : Pienkowski, S., Rygierowa, D., Szwacka, C.J.,
Title : Distribution Types of Radioactive Substances in Polish
Rocks
Orig Pub : Arch. mineralog., 1955, 1956, 19, No 1, 1-8

Abstract : Investigation of the radioactivity of 17 specimens of granite from three districts in Poland. Plates with nuclear emulsion were applied to the polished surface of the rock. As the unit of radioactivity was taken the number of alpha particles emitted per second from 1 cm² of rock. The following is noted: 1) radioactive substance is distributed in the specimens under study in the form of minute inclusions; 2) some granites show a uniform distribution of such inclusions throughout the rock while in other instances there are observed accumulations at fine fissures that intersect the rock.

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Card 1/1

SELIMOV, M.; BOLTUCIJ, L.; SEMENOVA, E.; KOBRINSKIJ, G.; ZMUSKO, L.

The use of antirabies gamma globulin in subjects severely bitten by rabid wolves or other animals. J. Hyg. Epidem., Praha 3 no.2: 168-180 1959.

1. [Moscauer I.I. Metschnikov Wissenschaftliches Forschungsinstitut für Sera und Impfstoffe]
(RABIES, immunology)
(GAMMA GLOBULIN)

ZHUSHEK, L. S.; EL'BERT, B. YA.; VILENCHIK, G. YU.

Mutability of the typhoid bacillus under the effect of chemical, physical, and biological factors.

Report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists and Infectionists, 1959.

EL'BERT, B.Ya., professor, zasluzhennyy deyatel' nauki; RUBINSHTEYN, I.S., dotsent; SAKOVICH, A.O., dotsent; VILENCHIK G.Yu., kandidat meditsinskikh nauk; GUERVICH, G.I.S., kandidat meditsinskikh nauk; IZRAITEL', N.A., kandidat meditsinskikh nauk; KNIGA, A.N., kandidat meditsinskikh nauk; LEVINA, P.I., kandidat meditsinskikh nauk; MARCHENKO, L.O., kandidat meditsinskikh nauk; RABINOVICH, Ye.M., kandidat meditsinskikh nauk; RUBINSHTEYN, B.B., kandidat meditsinskikh nauk; SAMOKHINA, Z.F., kandidat meditsinskikh nauk; KRASIL'NIKOV, A.P., kandidat meditsinskikh nauk; ZHISHKO, L.S., nauchnyy sotrudnik; NISENBAUM, I.M., nauchnyy sotrudnik; SOLODV'YANCHIK, S.I., nauchnyy sotrudnik; SUSLOVA, M.M., nauchnyy sotrudnik; POL'SKIY, S., redaktor; KUFTINA, P., tekhnicheskiy redaktor; KALECHITS, G., tekhnicheskiy redaktor.

[Practical manual on medical microbiology and bacteriological methods of sanitation research] Prakticheskoe posobie po meditsinskoj mikrobiologii i sanitarno-bakteriologicheskim metodam issledovaniij. Minsk, Gos.izd-vo BSSR, Redaktsiya nauchno-tekhn. lit-ry, 1957. 356 p.

(MICROBIOLOGY)

(MLRA 10:6)

ZMYSLOWSKA, Stanislawa; WILGAIN, Simone

Investigation of the natural radioactivity of soils; distribution of alpha ray radioactivity in soil profiles. Nukleonika 6 no.12:813-826 '61.

1. Ecole Centrale Agronomique, Warszawa. Institut Interuniversitaire des Sciences Nucléaires, Bruxelles.

ZMYSLOWSKA, Stanisława; BROCAS, Jean

Gamma scintillation spectrometry in the determination of the amount of potassium in soils. Nukleonika 6 no.12:827-836 '61.

1. L'Academie Polonaise des Sciences, Laboratoire des Recherches Isotopiques en Chimie Agricole, Warszawa. Laboratoire de Physique Nucléaire de l'Université Libre, Bruxelles. 2. Boursier de l'Institut Interuniversitaire des Sciences Nucléaires. (for Brocas)

ZMYSLOWSKA, Stanislawa; WILGAIN, Simone

Research on the natural radioactivity of soils. -Distribution
of the alpha radioactivity in some soil profiles. Nukleonika
6 no.12:813-826 '61.

1. Szkola Glowna Gospodarstwa Wiejskiego, Warszawa (for Zmyslowska).
2. Institut Interuniversitaire des Sciences Nucléaires, Bruxelles
(for Wilgain).

ZMYSLOWSKA, Stanislawa; BROCAS, Jean

Determination of the total potassium content in soils using the method of gamma scintillation spectrometry. Nukleonika 6 no.12:827-836 '61.

1. Polish Academy of Sciences, Warsaw, Laboratory of Isotopic Research on Agricultural Chemistry (for Zmyslowska). 2. Laboratoire de Physique Nucleaire de l'Universite Libre, Bruxelles (for Brocas).

Zmyslowska, S.

Zmyslowska, S. Analysis of radioactivity of mineral structures contacting a granitic vein with a limestone rider. In French. p. 159.

ACTA PHYSICA POLONICA

Vol. 14, no. 3, 1955

Warszawa, Poland

SO: Monthly List of East European Accessions, (EZAL), LC, Vol. 5, No. 10 Oct. 56

"APPROVED FOR RELEASE: 03/15/2001

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CIA-RDP86-00513R002065320006-7"

ZMYSIOWSKA, S.

Determining the proportion of thorium and uranium content in rock specimens, p. 343.
(POSTĘPY FIZYKI, Warszawa, Vol. 5, no. 3, 1954.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, Jan. 1955, Uncl.

21(8),30(1)

POL/46-4-6-6/19

AUTHOR: Zmysłowska, StanisławaTITLE: Application of Gamma-Ray Scintillation Spectrometer
for Simultaneous Quantitative Direct Measurement of
Uranium,²³Thorium and Potassium Content in Samples
of Rock and Soil

PERIODICAL: Nukleonika 1959, Vol IV, Nr 6, p 625 - 638

ABSTRACT: Several papers were published in the USSR, dealing with influence of ionising radiation on plant growths. Only on a few exceptional occasions ionising radiation was beneficial mostly, however, it was harmful to plants. Polish scientists came to the conclusion, that might be due to the soil's own radiation. If the amount of soil radiation is sufficient for plant development, any excessive radiation might be harmful and check further growth. Therefore, Rolnicza Pracownia Izotopowa PAN (PAN Agricultural Isotope Section) led by Professor Dr. M. Górska decided to undertake investigations on natural soil radiation, emanated by derivates of uran-

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FOL/46-4-6-6/19

Application of Gamma-Ray Scintillation Spectrometer for Simultaneous Quantitative Direct Measurement of Uranium, Thorium and Potassium Content in Samples of Rock and Soil

ium, thorium and radioactive potassium ^{40}K . Previous estimates of uranium and thorium in the soil were carried out by means of photographic film exposure, but this method was not accurate enough, while a Geiger-Miller Counter gave only the sum of total radiation emanating from all three components. Therefore, further research was carried out by means of gamma-ray scintillating spectroscope, originally applied by English scientists, whose work was published in 1953. The author presents results of foreign researchers as well as her own and research of her co-workers. There are 9 graphs, 6 tables, 2 drawings and 10 references, of which 3 are Polish, 5 English and 2 French.

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POL/46-4-6-6/19

Application of Gamma-Ray Scintillation Spectrometer for Simultaneous Quantitative Direct Measurement of Uranium, Thorium and Potassium Content in Samples of Rock and Soil

ASSOCIATION: Rolnicza Pracownia Izotopowa PAN, Warszawa, (PAN)
Agricultural Isotope Section, Warsaw

SUBMITTED: January 1959

Card 3/3

Approved by R. Kadiusz

Calculation of temperatures in heterogeneous thermal neutron reactors. A. Zmyslowski (Inst. Badaw. Jądrowych, Warsaw). *Nukleonica* 3-4(1958) (English summary).
—Formulas are given for temps. of coolant and cladding surfaces of fuel element and for distribution of thermal neutrons. A fuel-cell example is discussed. I. Stachik

3

2-

LPR

POLAND/Nuclear Physics - Nuclear Power and Technology.

Abs Jour : Ref Zhur Fizika, No 11, 1959, 24633 C
Author : Zmyslowski, Arkadiusz
Inst :
Title : Calculation of Temperatures in Inhomogeneous Thermal-
Neutron Reactors
Orig Pub : Nukleonika, 1958, 3, No 6, 615-631
Abstract : Formulas are derived for the calculation of the temperature in the cooling medium and on the surface of the reactor shell, and also for the calculation of the temperature rise in the fuel element as a function of the power rating of the fuel element and of the distribution of thermal neutrons. The increase in temperature in the fuel element is considered with the aid of an example of an element in the form of a round rod and a ring, since both are typical of presently employed fuel elements; in addition, these calculations can be readily modified to accommodate other forms of fuel elements.
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20076

POL/046/61/006/003/003/005
D209/D303

21.1910

AUTHORS: Frankowski, Wacław, Kmiotek, Edmund, Mika, Janusz,
Strupczewski, Andrzej, and Zmysłowski, Arkadiusz

TITLE: Determining the geometry of technological channels
for the second Polish research reactor

PERIODICAL: Nukleonika, v. 6, no. 3, 1961, 181-196

TEXT: This paper describes the calculations leading to the design
of the fuel element for the second Polish research reactor. The
geometry of the channels was based on the RFT reactor, in which
concentric annular fuel elements are contained between inner and
outer tubes directing the flow of coolant. The composition of the
elements - Al + UO₂, with 20 % U²³⁵ enrichment, and clad in alu-
minum - was the same as in the Soviet VVR-M reactor. Maximum
reactivity of the active zone was sought for a central thermal

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20076

Determining the geometry of ...

POL/046/61/006/003/003/005
D209/D305

neutron flux of 10^{14} per $\text{cm}^2\text{-sec}$. Physical calculations were performed first to determine the nuclear parameters of the assembly for different proportions of the constituents. The basic data were: Element length = 102 cm; Vol. of air and helium in channel = 650 cm^3 ; Lattice pitch = 14 cm; Channel radius = 3.75 cm; Composition of element - 0.253 gm. U^{235} , and 1.026 gm. U^{238} 0.173 gm. Oxygen, and 2.308 gm. Al per cm^3 . The total U^{235} content of a channel was varied between 60 and 252 gms., with corresponding variation in the quantities of other constituents. Due to the thinness of the elements, and the large moderator volume, the channel was taken as a homogeneous mixture of uranium, aluminum, water, air and helium, and fast fission effects were neglected. A.D. Galanin (Ref. 1: Teoriya yadernykh reaktorov na teplovykh neytronakh (Theory of Thermal Nuclear Reactors) Moscow, 1959, Atomizdat) is mentioned as the source for calculating slowing-down lengths. The parameters are determined from the standard equation

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20076

Determining the geometry of ...

POL/046/61/006/003/003/005
D209/D303

$$k_{\text{eff}} = \frac{k_e - \mu_r^2 \tau}{1 + \mu_r^2 L^2} \quad (2.5)$$

where k_{eff} and k are the effective and infinite multiplication constants, μ_r the geometrical buckling, τ the neutron age, and L^2 the thermal neutron diffusion area. Calculations were made for an unreflected reactor radius of 80 cms., corresponding approximately to a 35 element reactor with a graphite reflector. Thermal and hydraulic calculations were next performed for channels containing 3.5 and 6 annular elements, disposed between two pipes with inner diameters of 72 and 14 mms. and outer diameters of 75 and 16 mms. respectively. The thickness of the aluminum shell was 0.65 mm. Uniform heat transfer along the element was assumed, and a limiting maximum wall temperature of 150°C was used, based on the RFT reactor. The heat transfer coefficient was calculated from

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Determining the geometry of ...

POL/046/61/006/003/003/005
D209/D303

$$a = C(A + Bt_f)(w\gamma)^{0.8} \quad (3.2.1)$$

where a is the coefficient in $\text{kcal./m}^2.\text{hr.}^\circ\text{C.}$, $C = (\frac{1}{d_c})^{0.2}$, d_c is the hydraulic diameter in m., t_f is the mean water temperature in $^\circ\text{C}$, w is the water velocity in m./sec. and γ is the density of water in kg/m^3 . $A = 1.53$ and $B = 0.065$ according to Petrov, p.129 Abstractor's note: No reference given to the title of Petrov's work. Other calculations are made for the temperature rise and pressure drop of water in passing through the channel, and for the maximum wall temperature. The results indicate that a) Increasing the number of element rings in a channel is not profitable, since the amount of aluminum per unit mass of fuel increases and decreases the quantity of water; b) An increase in U^{235} above about 250 gms., corresponding to 1.25 MW power, is not worthwhile, since the increase rate of reactivity has dropped; c) The best fuel element disposition is the 3-ring element containing 200-250 gms.

Card 4/5

ZMYSLOWSKI / KMETEK

ACCESSION NR: AP4015319

P/0046/64/004/001/0031/0046

AUTHOR: Zmyslowski, Arkadiusz (Zmyslowski, A.); Kmetek, Edmund (Kmetek, E.)

TITLE: Method of calculating temperatures in a multi-tubular reactor fuel element

SOURCE: Nukleonika, v. 4, no. 1, 1964, 31-46

TOPIC TAGS: temperature distribution, heat transfer differential equation, mean temperature, cooling medium temperature, fuel element temperature, multi-tubular reactor channel, cylindrical fuel element geometry, liquid moderator, solid moderator

ABSTRACT: The major advantages of tubular fuel elements in experimental reactors are: 1) high modulus of strength, 2) high surface to volume ration, 3) uniform flow of coolant over the cross-section of the fuel channel, and 4) simple method of building-up the elements in channels of the FIELD type, without additional partition for deflecting the flow of coolant. The temperatures in the area bounded by the walls of the fuel channel are determined by a method derived here on the basis of following assumptions: a) the distribution of heat sources

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ACCESSION NR: AP4015319

along the channel axis is not uniform, b) the distribution of heat sources along the channel radius is not uniform, c) the distribution of heat sources over the thickness of each fuel layer is uniform, and d) the heat current in the fuel in the direction of the channel axis is negligible. Also, the coefficients of heat absorption and specific heat are constant and defined at mean temperatures of the cooling medium. The differential equations of heat transfer are solved for the coolant, which flows between the concentric fuel tubes and around the central fuel rod in the channel. The analysis is extended to consider also the temperatures of individual fuel elements. The method developed here is limited to steady state conditions and is carried out specifically for the case of a three-tube reactor fuel element. The appendix to the article deals with four problems relating to the temperature distribution analysis: 1) evaluation of the coefficients of the system of differential equations, 2) extension to a general case of cylindrical fuel geometry located at the channel axis, 3) a fuel channel in a reactor with liquid moderator of constant mean temperature, and 4) a fuel channel in a reactor with solid moderator. Orig. art. contains 9 diagrams, 26 formulas and 7 tables.

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ACCESSION NR: AP4015319

ASSOCIATION: Instytut Badan Jadrowych, Zaklad Inżynierii Reaktorowej, Warsaw-Swierk (Nuclear Research Institute, Department of Reactor Engineering)

SUBMITTED: 16Oct63

DATE ACQ: 13March

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NO REF Sov: 001

OTHER: 003

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"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065320006-7

ZMYSLOWSKI, Tadeusz, mgr., inz.

Bobbin winders for mining buildings. Przegl. gone 17 no.7/8:3724
379 Jl-Ag '61.

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065320006-7"

LUKASIK, S.; MAKOWSKI, J.; SZYM CZYK, W.; ZMISLOWSKI, W.

Complicated union in the treatment of fractures of the long bone.
Clinical analysis. Chir. narz. ruchu ortop. polska 26 no.5:613-
617 '61.

1. Z Klinik Ortopedyczno-Urazowej Studium Doskonalenia Lekarzy
w Warszawie Kierownik: prof. dr S.Lukasik.
(FRACTURES surg)

ZUK, Tomasz; ZMYSŁOWSKI, Wiesław; CZAJKOWSKI, Leszek

Electrodiagnostic picture of scoliosis following operation. Chir. nart.
ruchu 22 no.3:297-303 1957.

1. Z Kliniki Ortopedycznej A. M. w Warszawie. Kierownik: prof. A. Gruda
(SCOLIOSIS, surg.)

dystonic scoliosis, postop. chronaximetry & electromyography
(Pol))

KRECZKO, Romuald; ZMYSLOWSKI, Wieslaw

Early results of surgical treatment of degenerative changes
of the hip by a modified Voss method. Chir. narządu ruchu
ortop. Pol. 30 no.4:423-429 '65.

1. Z Kliniki Ortopedycznej II CSK Wojskowej AM w Warszawie
(Kierownik: prof. dr. med. M. Garlicki).

ZMYSLOWSKI, Wieslaw; GLISZCZINSKI, Jan

A case of avulsion of the ischial tuberosity. Chir. narzad. ruchu ortop. Pol. 30 no.4:463-466 '65.

1. Z Kliniki Ortopedycznej II Centralnego Szpitala Klinicznego Wojskowej AM w Warszawie (Kierownik: prof. dr. med. M. Garlicki).

ZMYZGOVA, A.V.

Comparative characteristics of serum proteins in some collagen diseases. Vop. revm. 2 no.2:14-23 Ap-Je'62 (MIRA 17:3)

1. Iz Nauchno-issledovatel'skogo instituta revmatizma (dir. deystvitel'nyy chlen AMN SSSR prof. A.I. Nele'row) AMN SSSR.

ZHYZOVA, A.V.

Functional state of the liver during a drug reaction caused by antibiotic therapy in typhoid fever. Sov.med. 22 no.2:121-127 F '58. (MIREA 11:4)

1. Iz kafedry infektsionnykh bolezney (zav. - chlen-korrespondent Akademii meditsinskikh nauk SSSR prof. A.F.Bilibin) II Moskovskogo meditsinskogo instituta imeni N.I.Pirogova.

(TYPHOID FEVER, ther.

antibiotics causing reaction, eff. on liver funct.
(Rus))

(ANTIBIOTICS, inj. eff.

in ther. of typhoid fever, eff. on liver funct.
(Rus))

(LIVER, physiol.

eff. of med. reaction caused by antibiotics in typhoid fever ther. (Rus))

ZMYZGOVA, A.V.; KAYNOVA, A.S.; PRIVALENKO, M.N.

Disorders of protein metabolism in some major collagenoses.
Terap. arkh. 35 no.2:99-105(63). (MIRA 16:10)

1. Iz kliniko-biohimicheskoy laboratorii (zav. - prof. A.N.
Kvyatkovskaya) Instituta revmatizma (dir. deystvitel'nyy
chlen AMN SSSR A.I.Nesterov) AMN SSSR.
(COLLAGEN DISEASES) (PROTEIN METABOLISM)

Country	: USSR	V
Category	: Pharmacology and Toxicology. Chemotherapeutic Preparations. Antibiotics	
Abs. Jour.	: Ref Zhur-Biol, No 13, 1958, No 61566	
Author	: Zmyzgova, A. V.	
Institut.	: Second Moscow Medical Institute	
Title	: Functional State of the Liver in Typhoid Patients Treated with Antibiotics	
Orig. Pub.	: Uch. zap. 2-y Hosk. med. in-t, 1957, 7, 59-65	
Abstract	: No abstract.	
Card:	1/1	

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ZHYZOVA, A.V.

Carbohydrate metabolism in typhoid fever treated by antibiotics.
Terap. arkh. 29 no.8:84-98 '57. (MIRA 11:4)

1. Iz kafedry infektsionnykh bolezney (zav.-chlen-korrespondent AMN SSSR prof. A.F.Bilibin) II Moskovskogo gosudarstvennogo meditsinskogo instituta imeni Stalina.
(CHLORAMPHENICOL, therapeutic use,
typhoid fever, eff. on blood sugar, glucose load test (Rus)
(TYPHOID FEVER, therapy,
chloramphenicol, eff. on blood sugar, glucose load test (Rus)
(BLOOD SUGAR, in var. dis.)

ZMYGOVA, A. V., Cand Med Sci — (diss) "Functional condition of the liver in patients with typhoid treated with antibiotics."

Mos, 1958. 14 pp (Second Mos State Med Inst im N. I. Pirogov),
200 copies (KL, 15-58, 118)

- 78 -

USSR/Human and Animal Physiology (Normal and Pathological)
Liver

Abs Jour: Ref Zhur-Biol., No 17, 1958, 79662.

Author : Znyzgova, A.V.

Inst :

Title : Functional Condition of the Liver During Complications
and Relapses of Typhoid Fever.

Orig Pub: Uch. zap. 2-y Mosk. med. in-t, 1957, 7, 67-73.

Abstract: No abstract.

Card : 1/1

PONOMARENKO, L.I., sanitarnyy vrach; MEL'NIK, O.T., inzh.; KLAPTSOVA, Ye.N.,
sanitarnyy vrach; ZNACHKO, A.M., khimik

Problem of "relatively clean" sewage of sugar mills. Gig.i san.
26 no.12:66-68 D '61. (MIRA 15:9)

1. Iz Krasnodarskoy krayevoy sanitarno-epidemiologicheskoy
stantsii i Gosudarstvennogo tresta po vyrashchivaniyu sakhariny
svekly Krasnodarskogo soveta narodnogo khozyaystva.
(SUGAR INDUSTRY--HYGIENIC ASPECTS) (KUBAN--WATER--POLLUTION)

AMELINA, M.A.; ZNACHKO, I.I.

Effectiveness of the work of the experimental settling pond
at the Krasnodar Petroleum Refinery. Nauch. trudy Kub. gos. med.
Inst. 19:90-96 '62. (MIRA 17:6)

. Iz Krasnodarskoy gorodskoy sanitarno-epidemiologicheskoy
stantsii (glavnyy vrach - kand. med. nauk N.A. Amelina) i
Krasnodarskoy kraevoy sanitarno-epidemiologicheskoy stantsii
(glavnyy vrach - kand. sprikhodova).

AMELINA, N.A.; ZNACHKO, L.M.; KOVAL'SKAYA, A.I.

Effect of industrial and domestic sewage on the sanitary condition
of the Kuban River in the vicinity of Krasnodar. Gig.i san. 24
no.8:68-71 Ag '59.
(MIEA 12:11)

1. Iz kafedry kommunal'noy gigiyeny I Moskovskogo ordena Lenina
meditsinskogo instituta imeni I.M.Sechanova i iz Krasnodarskoy
krayevoy sanitarno-epidemiologicheskoy stantsii.
(WATER POLLUTION)

ZNACHKO-YAVORSKIY, G.A., mladshiy nauchnyy otrudnik

Brief lithological characteristics of the Quaternary deposits
in the western part of Enderby Land. Inform. biul. Sov. antark.
eksp. no.49:5-8 '64. (MIRA 18:5)

1. Nauchno-issledovatel'skiy institut geologii Arktiki.

ZNACHKOVSKIY, B.P.

Covering the duodenal stump with seromuscular flap from the resected stomach. Vest.khir. no.5:100-101 '62. (MIRA 15:11)

1. Iz Orlovskogo oblastnogo otdela zdravookhraneniya (zav. - K.A. Trofimov) i kafedry biologii (zav. - S.I. Yefremov) Orlovskogo pedagogicheskogo instituta (dir. - G.M. Mikhalev).
(DUODENUM—SURGERY) (STOMACH—TRANSPLANTATION)

22873-66

FSS-2/BMT(L)/EEC(R)

10/17/93/66/004/007/0311/0319

SOURCE: Kosmicheskaya Issledovatel'skaya, v. 4, no. 2, 1964, p. 319

PERIODICITY: monthly; scientific, research, technical, press, library, educational, 40 pp.

CONTENTS: Periodical contains reports on space exploration, rocketry, aircraft, communications, atomic energy, and other topics. Includes tables, figures, and photographs.

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ACC NR. AP6012836

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ACC NR: AP6012836

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ACC NR: AP6012836

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CIA-RDP86-00513R002065320006-7"

ZNACHKO-YAVORSKIY, I. L.

USSR/Chemical Technology. Chemical Products and their Application. J-12
Glass. Ceramics. Construction Materials.

Abs Jour: Referat Zh.-Kh., No 8, 1957, 2776

Author : I. L. Znachko-Yavorskiy.

Inst :

Title : Utilization of Blast Furnace Slag of Special Pig Iron for Manufacturing Slag-Portland Cement.

Orig Pub: Sb. nauch. rabot po khimii i tekhnol. silikatov. M., Promstroyisdat, 1956, 144-152.

Abstract: The utilization of ferromanganese slag, which is wasted in the works in the South and in the Middle, for the production of slag-Portland cements is proposed. These cements are not worse than the Portland cements of the "300" and "400" brands as far as the intensity of solidification of pure cement and of the mix is concerned. It should be permitted to the works to use these slags, and it is necessary to make GOST 3476-52 more precise by introducing special conditions concerning slags of special pig iron into it.

Card : 1/1

-122-

ZNACHKO-YAVORSKIY, I.L.; DZHABUA, Sh.A., red.; KAKABADZE, Dzh.,
red.izd-va; DZHAPARIDZE, N.A., tekshred.

[E.G.Cheliev, inventor of the artificial Roman cement]
E.G.Cheliev - izobretatel' iskusstvennogo romantsamenta.
Tbilisi, Izd-vo Akad.nauk Gruzinskoi SSR, 1959. 18 p.

(MIRA 13:7)

(Cheliev, Egor Gerasimovich, 1771-1839)

STOL'NIKOV, V. V., doktor tekhn.nauk; ZNACHKO-YAVORSKII, I. I., kand.tekhn.
nauk

Using dump furnace slags as aggregates in making concrete for
hydraulic structures. Stroi. mat. 6 no.9:25-28 S '60.

(Concrete) (Slag)

(MIEA 13:9)

STOL'NIKOV, V.V., prof., dokter tekhn. nauk; ZNACHKO-YAVORSKIY, I.L., kand.
tekhn. nauk.

Waste blast-furnace slag as an aggregate of concrete used in
hydraulic engineering construction. Gidr. stroi. 27 no.10:27-29
O '58.

(Slag) (Concrete)

(MIRA 11:12)

Card 1/1 : Pub. 41-17/18

Author : Stol'nikov, V. V.

Title : P. P. Budnikov and I. L. Znachko-Yavorskiy. Granulated blast-furnace slags and slag cements. Promtroyizdat, 1953, 224 pp.

Periodical : Izv AN SSSR. Otd. tekhn. nauk 3, 150-154, Mar 1954

Abstract : A review of the above book on blast-furnace slags and their properties, including data on the chemical and mineralogical composition and structure of slags, detailed description and comparative evaluation of the granulation of blast-furnace slags by the wet, moist, and dry methods, and utilization of slags in cement industry.

Institution :

Submitted :

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065320006-7

ZNACHKO-ZAVORSKIV, I.

History of the development of the Russian cement industry. Trudy
po ist.tekh. no.8:106-138 '54.
(Cement industries--History)

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065320006-7"

ZHACHKO-YAVORSKIY, I.L. (Leningrad)

Experiment as a means of historical and technological research.
Vop. ist.est. i tekh. no.1:318-319 '56. (MLRA 9:10)

(Archaeology) (Materials)

ZNACHKO-YAVORSKIY, I.L., kandidat tekhnicheskikh nauk.

Using slag portland cement in hydraulic engineering. Gidr.strel.25
no.8:25-27 S '56. (Slag cement) (MIRA 9:10)

STOL'NIKOV, V.V.

Review of P.P.Budnikov's and I.L.Znachko-Lavorskii's book
"Granulated blast-furnace slag and slag cement." V.V.Stol'-
nikov. Izv. AN SSSR. Otd.tekh.nauk no.3:150-154 Mr 154.

(MIRA 7:7)
(Slag cement) (Budnikov, P.P.) (Znachko-Lavorskii, I.L.)

PEVZNER, R.L.

"Granulated blast-furnace slags and slag cements." P.P.
Budnikov, I.L.Znachko-IAvorskii. Reviewed by R.L.Pevzner.
Zhur.prikl.khim. 27 no.2:226-227 F '54. (MLRA 7:2)
(Slag) (Slag cement) (Budnikov, Petr Petrovich, 1885-)
(Znachko-IAvorskii, I.L.)

AUTHORS: Stol'nikov, V.V., Doctor of Technical Sciences, Professor;
Znachko-Yavorskiy, I.L., Candidate of Technical Sciences

SOV-98-58-10-7/16

TITLE: Blast Furnace Waste Slag as a Filler for Hydrotechnical Concrete
(Otval'nyye domennyye shlaki v kachestve zapолнiteley
v gidrotekhnicheskem betone)

PERIODICAL: Gidrotekhnicheskoye stroitel'stvo, 1958, Nr 10, pp 27-29,
(USSR)

ABSTRACT: The authors consider the use in the USSR of blast furnace waste slag as a filler for hydrotechnical concrete. Research work on this is being carried out by scientific institutes and building construction firms. The need of finding a new local source of fillers for hydrotechnical concrete is quoted as an important problem for technologists and builders. Cast crushed slag production amounted to 800,000 cu m in 1955 and had reached 1,210,000 cu m in 1957. Existing regulations in the USSR recommend the use of blast furnace waste slag as filler for usual concrete and road building only. Experiments in using blast-furnace waste slag as a filler for hydrotechnical concrete are now being carried

Card 1/2

Blast Furnace Waste Slag as a Filler for Hydrotechnical Concrete Sov-98-58-10-7/16

out by VNIIG imeni B.Ye. Vedeneyeva (VNIIG imeni B.Ye. Vedeneyev). First results of this study have proved the stability of crushed and ground slag against freezing and atmospheric effects. There is 1 photo.

1. Slags--Applications 2. Concrete--Preparation 3. Concrete
--Materials

Card 2/2

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065320006-7

ZNACHKO-YAVORSKIY, I.L. (Leningrad)

Work of Antoine Raucourt de Charleville in Russia. Vop.ist.est.
i tekhn. no.11:126-130 '61. (MIRA 14:11)
(Raucourt, Antoine, 1799-1841)

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065320006-7"

ZNACHKOVA, A.A. (Moskva)

Regeneration of a transected sciatic nerve following administration
of vitamins B₁, B₂, and B₁₂ in white rats. Arkh.pat. 19 no.8:62-67
'57. (MIRA 10:12)

1. Iz laboratori patofiziologii i farmakologii serdechno-sosudistoy
sistemy (zav. - prof. S.V.Andreyev) Instituta farmakologii i khimio-
terapii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. V.V.
Zakusov)

(NERVES, physiology,

regen., eff. of vitamins B₁, B₂, & B₁₂ in white rats
(Rus))

(VITAMIN B COMPLEX, effects,

on sciatic nerve regen. in white rats (Rus))

USSR/General Biology. Individual Development.
Regeneration.

B-4

Abs Jour : Ref Zhur-Biol., No 16, 1958, 71608

Author : Znachkova, A. A.

Inst : AS USSR.

Title : The Influence of Vitamin B₁₂ on the Regeneration of Peripheral Nerves in Rats.

Orig Pub : Dokl. AN SSSR, 1956, 109, No 4, 879-881

Abstract : The sciatic nerves of rats were transected. Every day for a month after the operation, the following substances, soluble in cane sugar, were introduced: 1. vitamin B₁₂; 2. vitamin B₁₂, thiamin, and riboflavin simultaneously; 3. a preparation of sodium chloride Co with the amide of nicotinic acid, CoCl₂C₆H₅ON₂, called koamid. The animals were killed after 5-40 days. It was

Card : 1/3

"Concerning the Influence of Vitamin B₁₂ on the Regeneration of Peripheral Nerves of Rats," by A. A. Znachkova, Doklady Akademii Nauk SSSR, Vol 109, No 4, 1956, pp 879-881

Tests were run on 128 white male rats whose sciatic nerves were severed, the animals being classified into the following three groups:

- a. Animals receiving vitamin B₁₂, 0.25 microgram per animal.
- b. Animals receiving vitamin B₁₂, 0.25 microgram, simultaneously with thiamin, 25 micrograms, and riboflavin, 10 micrograms per 100 grams of body weight.
- c. Animals receiving cobalt chloride in combination with nicotinic acid amide ($\text{CoCl}_2\text{C}_6\text{H}_6\text{ON}_2$) - preparation "Coamide," 400 micrograms "Coamide" per 100 grams of body weight. This latter was used to explain the action of vitamin B₁₂ which contains cobalt in its molecule.

The experimental animals were sacrificed at 5, 10, 15, 20, 25, 30, and 40 days after the sectioning, and histological studies were made.

Speed of regeneration in groups a and b were almost identical but that of group c was greater. Comparison of these results with earlier work done on 36 rats treated with thiamine and riboflavin suggests that the intensification of the regenerative process is connected with the cobalt found in the composition of vitamin B₁₂.

ZHACHKOVSKIY, B.P., kandidat meditsinskikh nauk; BAYHALOVA, G.A.

Effectiveness of pneumotomy in advanced lung abscess. Vest.khir.
77 no.3:88-89 Mr '56. (MLRA 9:7)

1. Iz khirurgicheskogo otdeleniya Belotserkovskoy gorodskoy
bol'nitsy

(LUNG, abscess

advanced, surg.)

(ABSCCESS

lung, advanced, surg.)

ZNACHKOVSKIY, B.P.; OMISHCHENKO, G.K.

Cases of foreign bodies of the pancreas. Khirurgia no.3:78-79
Mr '54.
(NEMA 715)

1. Is 2-y Belotserkovskoy bol'nitsy Kyivskoy oblasti.
(PANCREAS, foreign bodies, (FOREIGN BODIES,
*in child) *pancreas, in child)

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065320006-7

ZNACHKO-YAVORSKIY, G.A., mladshiy nauchnyy sotrudnik

Principle features of the relief of the central part of Enderby
Land. Inform.biul.Sov.antark.eksp. no.48:5-7 '54.

1. Nauchno-issledovatel'skiy institut geologii Arktiki. (MIRA 18:2)

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065320006-7"

ZNACHKO-YAVORSKIY, G.A., mladshiy nauchnyy sotrudnik ; KLEMOV, L.V., mladshiy nauchnyy sotrudnik

Basic characteristics of the relief of the western part of the Enderby Land. Inform.biul.Sov.antark.eksp. no.41:11-13 '63. (MIRA 17:1)

1. Nauchno-issledovatel'skiy institut geologii Arktiki (for Znachko-Yavorskiy).

ZNACHKOVSKIY, B.P.

Configuration of the hypogastrium. Arkh. anat., glist. i embr.
48 no.5:46-50 My '65. (MIRA 19:1)

I. Kafedra biologii (zav. - dotsent G.F. Lakin) Orlovskogo gosu-
darstvennogo pedagogicheskogo instituta. Submitted June 14, 1963.

ZNACHKOVSKIY, N.G.; YUNDA, I.F.

Report on the activity of the republic board and the provincial
scientific medical societies of oncologists of the Ukraine for
1962. Vop. onk. 10 no.3:122-125 '64. (MIRA 17:8)

ARENDAREVSKIY, Leonid Fedorovich, kand.med.nauk; ZNACHEKOVSKIY, N.O.,
red.; GITSHTEYN, A.D., tekhnred.

[Nature of cancer and ways of preventing it] Priroda raka i
puti ego preduprezhdeniya. Kiev, Gos.med.izd-vo USSR, 1959.
47 p.

(CANCER)

(MIRA 13:6)

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065320006-7

ZNACHKOVSKIY, N.G.; YUNDA, I.F.

Report of the work of the Republic Administration and Province
Scientific Medical Societies of Oncologists of the Ukrainian
S.S.R. for 1961. Vop. onk. 8 no.9:121-126 '62.

(MIRA 17:6)

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065320006-7"

ZAVADSKY, N.G., SHEVCHENKO, I.T., GORODYSKIY, V.I.

"Application of Radioactive Phosphorus in Diagnosing the Cancer of Mammary Glands"
p. 96, in the book Experience in the Use of Radioactive Isotopes in Medicine
R. Ye. KAVETSKIY and I.T. SHEVCHENKO, published by the Goszudizdat Publishing
House of the UKRAINIAN SSR, KIEV 1955, represents medical transactions of a
conference held in KIEV from 18-20 January 1954.

So: 1100235

SHEVCHENKO, I.T., prof., otv.red. (Kiyev); GORODETSKIY, A.A., prof., red.; ZAREKOVICH, M.F., dotsent, red. (Kiyev); MACHLOVSKIY, N.G., starshiy nauchnyy sotrudnik, red. (Kiyev); IVANOV, V.F., akademik, red. (Kiyev); KAVETSKIY, R.Ye., akademik, red. (Kiyev); POKROVSKIY, A.S., prof., red.; ARHMADAREVSKIY, I.P., red.; LOKHMATYY, Ye.G., tekhnred.

[Transactions of the Second Oncological Congress and the Third Congress of Radiologists of the Ukrainian S.S.R., Kiev, June 18-24, 1956] Trudy II s'ezda onkologov i III s'ezda rentgenologov i radiologov USSR, 18-24 iiunia 1956 g.g. Kiev, Gos.med.ind-vo USSR. 1959. 678 p. (MIRA 13:?)

1. S'ezd onkologov, 2nd. Kiyev, 1956. 2. Chlen-korrespondent AN USSR (for Gorodetskiy). 3. AN USSR (for Ivanov, Kavetskiy). (CANCER--CONGRESSES) (RADIOLOGY, MEDICAL--CONGRESSES)

BUDNIKOV, Petr Petrovich, akademik, zasluzhennyj deyatel' nauki i tekhniki, trizhdy laureat Stalinskoy premii; KUKOLEV, G.V., prof., doktor tekhn.nauk, otv.red.; BEREZHENOK, A.S., red.; AVGUSTINIK, A.I., prof., red.; BUTT, Yu.M., prof., red.; MGHEIDILOV-FETHOSYAN, O.P., prof., red.; GINSTLING, A.N., prof., red.; SHILLYANSEKIJ, I.S., prof., red.; ZNACHKO-YAVORSEKIJ, I.L., kand.tekhn.nauk, red.; ZHINKA-REVICH, S.A., kand.tekhn.nauk, red.; KRECH, N.I., kand.tekhn.nauk, red.; MATVEYEV, N.A., kand.tekhn.nauk, red.; ROYAK, S.M., kand.tekhn.nauk, red.; HEMCHENKO, Ye.K., red.izd-va; MARCHEUK, G.T., red.izd-va; KADASHEVICH, O.A., tekhn.red.

[Selected works] Izbrannye trudy. Kiev, Izd-vo Akad.nauk USSR, 1960. 571 p. (MIRA 13:7)

1. AN USSR; chlen-korrespondent AN SSSR (for Budnikov). 2. Chlen-korrespondent AN USSR (for Berezhnoy).

(Silicates) (Ceramic materials) (Refractory materials)
(Binding materials)

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065320006-7

GOREVAYA, A.N.; ZNACHKOVSKIY, N.G.

Report of the Kiev Oncological Society for the period from
November 1957 to November 1958. Nov.khir.arkh. no.1:135
Ja-F '59.

(KIEV--ONCOLOGICAL SOCIETIES) (MIRA 12:6)

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065320006-7"

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065320006-7

ZNACHKOVSKIY, M.G., kand.med.nauk, zasluzhennyy vrach USSR

Work of the Kiev Oncological Society between November 1956 and
November 1957. Nov.khir.arkh. no.6:85 K-D '57. (MIRA 11:3)
(ONCOLOGY--SOCIETIES)

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065320006-7"

SILENCHUK, N.A.; ZNACHKOVSKIY, N.G.

Roentgenological observations in the treatment of metastases
of breast cancer in the lungs with androgenic hormones. Uch.
zap. KRROI 7t230-234'61. (MIRA 16:8)
(BREAST—CANCER) (LUNGS—CANCER) (CHEST—RADIOGRAPHY)
(ANDROGENS)

ZNACHKOVSKIY, N.G., UMANSKIY, Yu.A.

Information on the plenary session of the Society of Oncologists
of the Ukrainian S.S.R. and the conference of the Kiev Institute
of Roentgenology, Radiology, and Oncology, devoted to the 40th
anniversary of the Ukrainian S.S.R., Vop.onk.4 no.3:374-375 '58
(MIREA 11:8)

(UKRAINE--ONCOLOGY)

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065320006-7

ZNACHKOVSKIY, N.G., zasluzhennyj vrach respubliki

Report on the work of the Kiev Oncological Society, Nov.khir.
arkh. no.1:89 Ja-F '57.
(CANCER) (MLRA 10:6)

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065320006-7"

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065320006-7

ZNACHKOVSKIY, N.G.; KORENEVSKIY, L.I.

Second Congress of Oncologists of the Ukrainian S.S.R.
Vop. onk. 3 no.1:125-127 '57
(CANCER) (MIRA 10:4)

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065320006-7"

SHEVCHENKO, I.T.; KACHKOVSKII, N.G.; GORODYSKIY, V.I.; VESELAYA, I.V.

Application of radioactive phosphorus in diagnosis of breast cancer;
preliminary communication. Vest. rent. i rad. no. 4:49-53 Jl-4g '54.

(PHOSPHORUS, radioactive,
diag. of cancer of breast)

(BREAST, neoplasms,
diag., radiophosphorus technic)

(MLRA 7:10)

ZNACHKO-YAVORSKIY, G.A., mladshiy nauchnyy sotrudnik

Marine geological studies during the eighth cruise of the
diesel-electric ship "Ob'". Inform. biul. Sov. antark.
eksp. no.46 13-17 '64

(MIRA 18:1)

1. Nauchno-issledovatel'skiy institut geologii Arkтики.

ZNACHKO-YAVORSKIY, Igor' Leonidovich; LUK'YANOV, P.M., zasl. deyatel' nauki i tekhniki, doktor tekhn. nauk, prof., otd. red.; LUPPOV, S.P., red. izd-va; SMIRNOVA, A.V., tekhn. red.

[Outline history of binding substances from oldest times to the middle of the 19th century] Ocherki istorii viazushchikh veshchestv ot drevneishikh vremen do serediny XIX veka. Moskva, Izd-vo AN SSSR, 1963. 496 p. (MIRA 16:12)
(Binding materials)

ZNAEVA, K. I.

USSR/Chemistry - Synthesis
Sulphanilamide

Feb 1947

"On the Synthesis of Sulphanilamide from Chlorbenzol," A. M. Grigerovsky and
K. I. Znaeva, 4 pp

"Farmatsiya" No 2

Para-chlorbenzolsulphamide was obtained by the chlorsulphuration of chlorbenzol
and subsequent aminization with a theoretical output of 70%. This obtained as
by-products.

PA 1T67

ZNAJEWSKI, Czeslaw, inz.

Development plans of marine repair shipyards. Techn gosp morska
14 no. 6:162-165 Je '64.

1. Association of Marine Repair Shipyards, Gdynia.

POLAND

Jadwiga PAGOWSKA-WAWRZYNSKA and Janina DZULYNSKA, Regional Rheumatology Consulting Center (Wojewodzka Przychodnia Reumatologiczna), Director (dyrektor) H. ZNAJEWSKA-ZAREMBINA, MD; and the Institute of Biochemistry and Biophysics, Polish Academy of Sciences (Instytut Biochemii i Biophysiki PAN [=Polskiej Akademii Nauk]), Director Prof J. HELLER, Warsaw.

"Effect of Treatment on Serum Sialic Acid in Patients with Chronic Rheumatoid Arthritis."

Warsaw, Polski Tygodnik Lekarski, Vol 17, No 43, 22 Oct 1962; pp 1659-1662.

Abstract [English summary modified]: In earlier studies, authors had found that serum sialic acid concentration is an indicator of the activity of the pathological process in acute rheumatoid arthritis. In this study, they report a similar finding in chronic patients: among 52 patients, treated with gold salts, antimalarials and corticosteroids, sialic acid fell most in the 11 treated with prednisone in whom the other criteria of improvement were most pronounced. However, prolonged corticosteroid treatment increased C-reactive protein and erythrocyte sedimentation rate. Three tables, 2 Polish, 1 Western reference.

1/1

1

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065320006-7

ZNAM, Istvan

Remarks about an unpublished theorem of Pal Turan. Mat lapok
14 no. 3/4:307-310 '63.

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065320006-7"

L 34208-66 IJP(c)
ACC NR: AP6026057

SOURCE CODE: C2/D045/65/000/004/0313/0316
9
B

AUTHOR: Rosa, Alexander (Bratislava); Znam, Stefan--Znam, Sh.

ORG: [Rosa] CSAV; Department of Mathematics, SAV, Bratislava (CSAV, Kabinet matematiky SAV); [Znam] Department of Mathematics, Chemical Engineering Faculty, Slovak Institute of Technology, Bratislava (Katedra matematiky, Chemicko-technologicka fakulta, Slovenska vysoka skola technicka)

TITLE: Remarks on a combinatorial problem

SOURCE: Matematicko-fyzikalny casopis, no. 4, 1965, 313-316

TOPIC TAGS: combinatorial analysis, probability

ABSTRACT: Let n and k be natural numbers such that $n \equiv k \pmod{2k}$. Designate $m = 2n + n/k$ and designate

$$M = \{1, 2, \dots, m-1\} - \left\{2k+1, 2(2k+1), \dots, \binom{n}{k}-1, 2k+1\right\}.$$

The set $A = \{a_1, a_2, \dots, a_N\} \subset M$, $N \leq n$ is said to be of the type (k) if (1) holds and if (2) holds for all $i, j = 1, \dots, N$. If the set A with n elements is of the type (k) , then $q_1^{(A)}$ designates the number of its subsets of the type (k) with i elements.

Card 1/2

ACC NR: AP6026057

The following theorem is valid:

The sum $\sum_{i=1}^n q_i(A)$ does not depend on the choice of the set A, but only on the number of its elements n and on k (that sum is designated by $W(n,k)$). The formula for determination of $Q(n,k)$, the number of different sets of the type (k) with n elements also is given. It can be shown that the following relation holds: $Q(n,k) = W(n,k) + 2$. Orig. art. just 4 formulas and 3 tables. [Based on authors' Eng. abst.] [JPRS: 34,780]

SUB CODE: 12 / SUBM DATE: 29Dec64 / ORIG REF: 002

Card 2/2 BLG

ZNAM, S.

Remark on the Enestrom-Kakeya theorem. Acta math Univ Com
7 no.11:623-627 '63.

1. Katedra matematiky, Slovenska vysoka skola technicka,
Bratislava, Gottwaldovo namesti.

ROSA, Aleksander [Rosa, Alexander]; ZNAM, Shtefan [Znam, Stefan]

A combinatorial problem of the theory of numbers. Mat
fyz cas SAV 15 no.1:49-59 '65.

1. Cabinet of Mathematics of the Slovak Academy fo Sciences,
Bratislava and Chair of Mathematics and Descriptive Geometry
of the Faculty of Chemistry of the Slovak Higher School of
Technology, Bratislava. Submitted February 26, 1964.

ZNAM, Stefan

Remark on the J. Sedlacek article on rational points in a plane. Mat fyz cas SAV 14 no.4:263-264 '64.

1. Chair of Mathematics and Descriptive Geometry of the Faculty of Chemistry of the Slovak Higher School of Technology, Bratislava, Janska ul.

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065320006-7

ZNAM, S. (Bratislava)

On a combinatorical problem of K.Zarankiewicz. Col math
11 no.1:81-84 '63.

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065320006-7"

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065320006-7

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065320006-7"

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065320006-7

SUBMITTED: 26Feb64

ENCL: 00

SUB CODE: MA

ZEMAN, Stefan

Observation on a property of a two-element body. Mat fyz
cas SAV 11 no.2:159-160 '61.

1. Katedra matematiky, Elektronicka fakulta, Slovenska vysoka
skola technicka, Bratislava.

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065320006-7

L 43616-66 EWP(k)/EWP(h)/EWP(v)/EWP(1) BC

ACC NR: AP6017909

(A)

SOURCE CODE: CZ/0078/65/000/012/0026/0026

INVENTOR: Znamek, Miroslav (engineer); Michalik, Slavomir (engineer); Germak, Antonin (engineer, Candidate of Sciences) (Prague) (Prague)

ORG: none

TITLE: (Transducer for the long-range measurement of position) CZ Pat. No. PV
3481-65, Class 746

SOURCE: Vynalezy, no. 12, 1965, 26

TOPIC TAGS: measuring instrument, remote control, detection system

ABSTRACT: A transducer for the long-range measurement of position, in particular of liquid level, is described which has the distinguishing feature that it consists of at least one coil wound so that winding lengths are in ascending order, and of an axially movable member positioned freely inside the coil and controlled by coil inductance.

SUB CODE: 09,14/ 28May65

Card 1/1 LJM